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| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
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| 09/747,426 | 12/22/2000 | Balaji Raghunathan | 0007056-0176/P5745NP/ARG/ | 1482 |

26263 7590 10/21/2004

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| EXAMINER |
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NEURAUTER, GEORGE C

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| ART UNIT | PAPER NUMBER |
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2143

DATE MAILED: 10/21/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/747,426

Applicant(s)

RAGHUNATHAN ET AL.

Examiner

George C. Neurauter, Jr.

Art Unit

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 22 December 2000.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-35 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-35 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date. 07/15/04

- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____

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DETAILED ACTION

1. Claims 1-35 are currently pending and have been examined.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless -

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

Claims 1-35 are rejected under 35 U.S.C. 102(e) as being anticipated by US Patent Application Publication 2002/0099738 A1 to Grant.

Regarding claim 1, Grant discloses a method for a server to handle one or more client requests comprising:

obtaining one or more of said client requests for hierarchically organized data at a server; (paragraph 0040)

dividing ("parsing") said client requests into one or more smaller units; (paragraph 0037 and 0041) and

servicing said units in order (paragraphs 0055 and 0133, specifically "in order traversal").

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Regarding claim 2, Robotham discloses the method of claim 1 wherein said client requests are in XML format. (paragraph 0048)

Regarding claim 3, Robotham discloses the method of claim 1 wherein said hierarchically organized data is stored using a Document Object Model. (paragraph 0111)

Regarding claim 4, Robotham discloses the method of claim 1 wherein said smaller units are placed in a queue. (paragraphs 0055 and 0133, specifically "in order traversal")

Regarding claim 5, Robotham discloses the method of claim 1 wherein said server is a registry server. (paragraph 0111)

Regarding claim 6, Robotham discloses the method of claim 4 wherein said queue is handled using a FIFO scheduling algorithm. (paragraphs 0055 and 0133, specifically "in order traversal")

Regarding claim 7, Robotham discloses the method of claim 1 wherein said units are defined by an XML <envelope> and an XML </envelope> tag. (paragraphs 0037, 0041, and 0048, specifically "SOAP message")

Claims 8-14 are also rejected since claims 8-14 recite a computer program product that contains substantially the same limitations as recited in claims 1-7 respectively.

Claims 15-21 are also rejected since claims 15-21 recite a server framework that contains substantially the same limitations as recited in claims 1-7 respectively.

Claims 22-28 are also rejected since claims 22-28 recite a system that contains substantially the same limitations as recited in claims 1-7 respectively.

Claims 29-35 are also rejected since claims 29-35 recite and apparatus that contains substantially the same limitations as recited in claims 1-7 respectively.

Conclusion

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

US Patent 6 704 024 B2 to Robotham et al;

US Patent 6 724 403 B1 to Santoro et al;

US Patent 6 772 216 B1 to Ankireddipally et al;

Box, Don et al. "Simple Object Access Protocol (SOAP) 1.1", published by World Wide Web Consortium, publicly posted 8 May 2000, <<http://www.w3.org/TR/2000/NOTE-SOAP-20000508/>>.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to George C. Neurauter, Jr. whose telephone number is 703-305-4565. The examiner can normally be reached on Thursday 1-2pm EST.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David Wiley can be reached on 703-308-5221. The fax phone number for the

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organization where this application or proceeding is assigned is
703-872-9306.

Information regarding the status of an application may be
obtained from the Patent Application Information Retrieval
(PAIR) system. Status information for published applications
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see <http://pair-direct.uspto.gov>. Should you have questions on
access to the Private PAIR system, contact the Electronic
Business Center (EBC) at 866-217-9197 (toll-free).

gcn

Will C. Vaughn
Primary Examiner
Art Unit 2143
William C. Vaughn, Jr.